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I HEREBY CERTIFY that annexed hereto is a true copy of documents filed in connection with the following patent application:

Application No. S980598

Date of Filing 21 July 1998

Applicant ALLTRACEL PHARMACEUTICALS PLC, an  
Irish company of 87 Quinns Road, Shankill, County  
Dublin, Ireland.

Dated this 7 day of December, 2000.

An officer authorised by the  
Controller of Patents, Designs and Trademarks.

## REQUEST FOR THE GRANT OF A PATENT

PATENTS ACT, 1992

The Applicant(s) named herein hereby request(s)  
\_\_\_\_\_ the grant of a patent under Part II of the Act

X the grant of a short-term patent under Part III of the Act  
on the basis of the information furnished hereunder.

1. Applicant(s)

Name Alltracel Pharmaceuticals PLC

Address 87 Quinns Road  
Shankill  
County Dublin  
Ireland

Description/Nationality

An Irish company

2. Title of Invention

"A product"

3. Declaration of Priority on basis of previously filed application(s) for same invention (Sections 25 & 26)

Previous filing date

Country in or for  
which filed

Filing No.

4. Identification of Inventor(s)

Name(s) of person(s) believed  
by Applicants(s) to be the inventor(s)

Name: Ivan Santar, a citizen of the Czech Republic

Address: Travniky 1006, CZ-6602 Predklasteri, Czech Republic.

Name: Frantisek Kiss, a citizen of the Czech Republic

Address: Bednarova 20a, CZ-61900 Brno, Czech Republic.

Name: Jiri Briestensky, a citizen of the Czech Republic

Address: Skolska 413, CZ-50343 Cernilov, Czech Republic.

5. Statement of right to be granted a patent (Section 17(2))

The Applicant derives the rights to the invention by virtue of Agreements dated December 23, 1996 and December 30, 1996.

6. Items accompanying this Request – tick as appropriate

- (i) ☒ prescribed filing fee (£50.00)
- (ii) ☐ specification containing a description and claims  
☒ specification containing a description only  
☐ Drawings referred to in description or claims
- (iii) ☐ An abstract
- (iv) ☐ Copy of previous application (s) whose priority is claimed
- (v) ☐ Translation of previous application whose priority is claimed
- (vi) ☒ Authorisation of Agent (this may be given at 8 below if this Request is signed by the Applicant (s))

7. Divisional Application (s)

The following information is applicable to the present application which is made under Section 24 –

Earlier Application No: .....

Filing Date: .....

8. Agent

The following is authorised to act as agent in all proceedings connected with the obtaining of a patent to which this request relates and in relation to any patent granted -

Name

Address

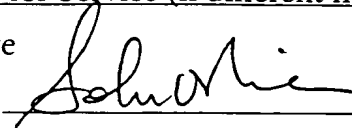
John A. O'Brien & Associates

The address recorded for the time being in the Register of Patent Agents, and currently Third Floor, Duncairn House, 14 Carysfort Avenue, Blackrock, Co. Dublin, Ireland.

9. Address for Service (if different from that at 8)

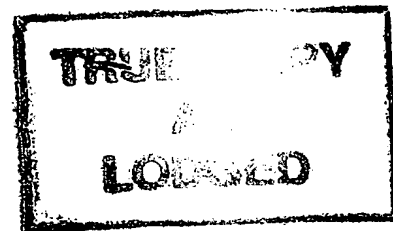
As above

Signed



JOHN A. O'BRIEN & ASSOCIATES

Date July 21, 1998



### Introduction

5 The invention relates to polyanhydroglucuronic acids and salts thereof. The term polyanhydroglucuronic acid and salts thereof as used herein includes copolymers thereof, especially with anhydroglucose.

10 Co-pending patent application PCT IE98/00003 describes a haemostatically active aerosol composition of polyanhydroglucuronic acid and/or acceptable salts thereof.

15 Co-pending patent application PCT IE98/00004 describes particular polyanhydroglucuronic acids and salts thereof and a method of preparing such compounds.

20 In particular therefore, the term polyanhydroglucuronic acids and salts thereof includes the acids and salts referred to in our co-pending applications mentioned above.

This invention relates especially to products incorporating polyanhydroglucuronic acids and salts thereof.

### Statements of Invention

25 According to the invention there is provided a non-woven textile-like material formed from polyanhydroglucuronic acids and salts thereof.

30 Preferably the polyanhydroglucuronic acid and salts thereof is in the form of microfibres.

Most preferably, the polyanhydroglucuronic acids and salts thereof are those described in co-pending Application PCT IE98/00004.

Detailed Description

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Polyanhydroglucuronic acid and salts thereof in a microfibre form, particularly as described in co-pending Application PCT IE98/00004 are converted into a non-woven textile-like material. The textile-like material may be directly used as a flat haemostatic pad and/or dressing. Alternatively the material may be cut and/or pressed into a desired shape such as a tampon or the like.

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The microfibres of polyanhydroglucuronic acid and salts thereof may be converted into a non-woven textile-like material using any suitable method. Techniques similar to those used in the paper industry may be used. For example, the mixture of microfibrillar product may be converted using known separation techniques such as porous barrier separation or sieve technology, followed by washing and dehydration.

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The invention is not limited to the embodiments hereinbefore described which may be varied in detail.

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